

REMARKS

Claim 1 *inter alia* calls for providing digital information including global digital information indicative of a common reference and local digital information indicative of an optical output from at least one display element.

The office action suggests that the waveform generator 67 provides a common reference waveform. However, the claim is much more specific in that it calls for providing digital information, that digital information including global digital information indicative of a common reference. But the waveform generator 67 is a sawtooth waveform generator. How this can be considered digital information is not understood. Moreover, how it can be considered global digital information in the sense that global refers to all of the pixels is not understood. Reconsideration is requested.

Further, the claim calls for providing local digital information indicative of an optical output from at least one display element. The office action suggests that this is the element 70 which is the video controller. Why the video controller is believed to provide local information is not understood. The video controller is outside the box 69a which is provided per pixel. Thus, there is no way that a single video controller can be considered to provide local information any more than the waveform generator 67 provides global information. The circuits shown in Figure 7 of Walker have nothing to do with the claimed invention. They are not digital circuits and do not provide global or local information.

Further, claim 1 calls for determining a transition separating a first pulse interval and a second pulse interval in a modulated signal based on said digital information. There is no digital information in Walker. Therefore, there is no determining of any transition separating a first pulse interval and a second pulse interval based on the digital information.

Walker has no bearing whatsoever on the claimed invention. Its combination with Worley would simply leave one skilled in the art scratching his or her head. Even if it were true that Worley did teach driving a display element from a modulated signal to provide the output signal, it cannot possibly do so based on digital information.

In other words, there is no way to combine Worley and Walker to meet the claimed invention. Neither teaches the claimed digital information and neither teaches determining a

transition separating a first pulse interval and a second pulse interval in a modulated signal based on the digital information.

The first office action indicates that Worley teaches a digital storage element for generating pulse width modulated signals representing on and off states. However, this does not teach providing the claimed digital information and it most certainly does not teach determining a transition separating a first pulse interval and a second pulse interval in a modulated signal based on the digital information. There is no showing whatsoever in either office action of determining a transition separating a first and second pulse interval, much less determining such a transition based on digital information.

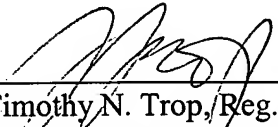
It is respectfully submitted that neither Worley nor Walker have anything to do with the claimed invention and their combination, to the extent it would be alleged to meet the claimed invention, makes no sense. The office action previous to this one indicated that it would be obvious to combine the two references to utilize digital storage for storing the digital data and selective delay using forced on and forced off signals. But this is not what is claimed in claim 1.

Moreover, the reason why this combination would be obvious, according to the office action, was that it would provide a display system conveniently adapted to use in a wide variety of pulse modulation schemes. But there is nothing about either reference which suggests that they should be combined to do this. In other words, even if the Examiner were correct that there were some benefit to combine the two, there is nothing in either reference that suggests any reason to combine them. The fact that Worley teaches that high quality images may be good does not teach any reason why Worley's embodiment is not just fine without anything from Walker.

Thus, reconsideration is respectfully requested. On the same basis, reconsideration is requested of the rejection of claim 11 and its dependent claims and claim 21 and its dependent claims.

Respectfully submitted,

Date: April 12, 2005



Timothy N. Trop, Reg. No. 28,994
TROP, PRUNER & HU, P.C.
8554 Katy Freeway, Ste. 100
Houston, TX 77024
713/468-8880 [Phone]
713/468-8883 [Fax]

Attorneys for Intel Corporation